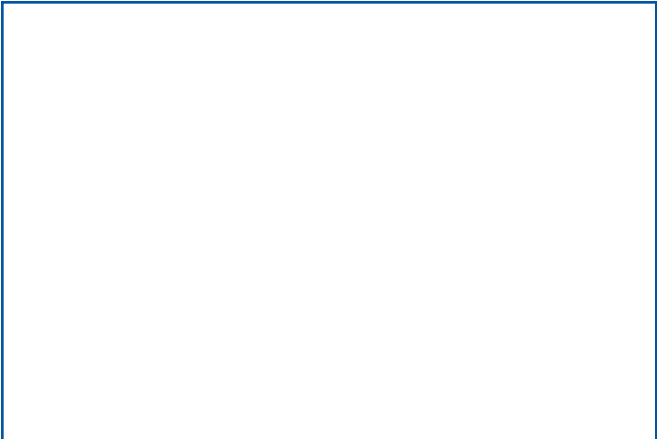
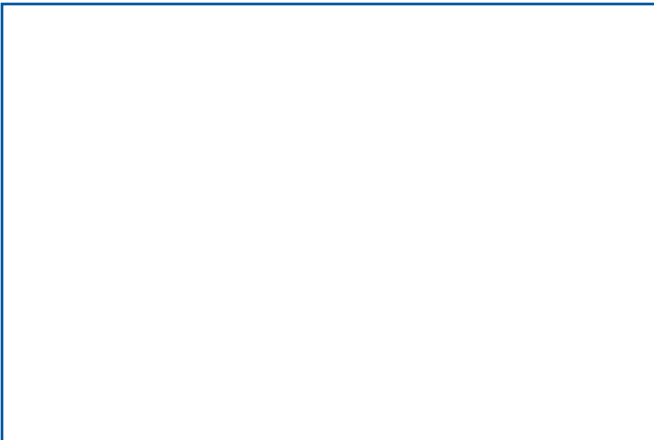


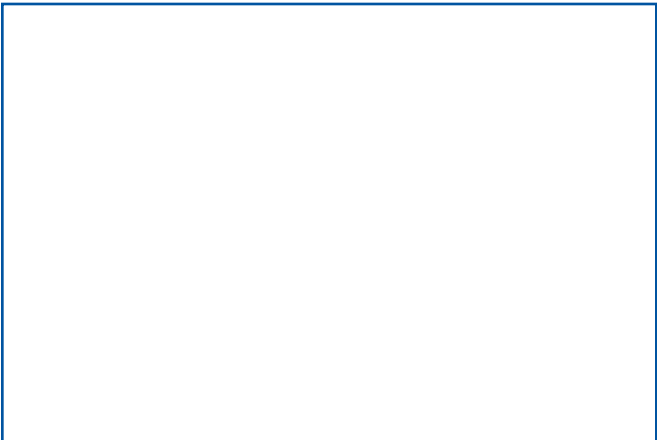
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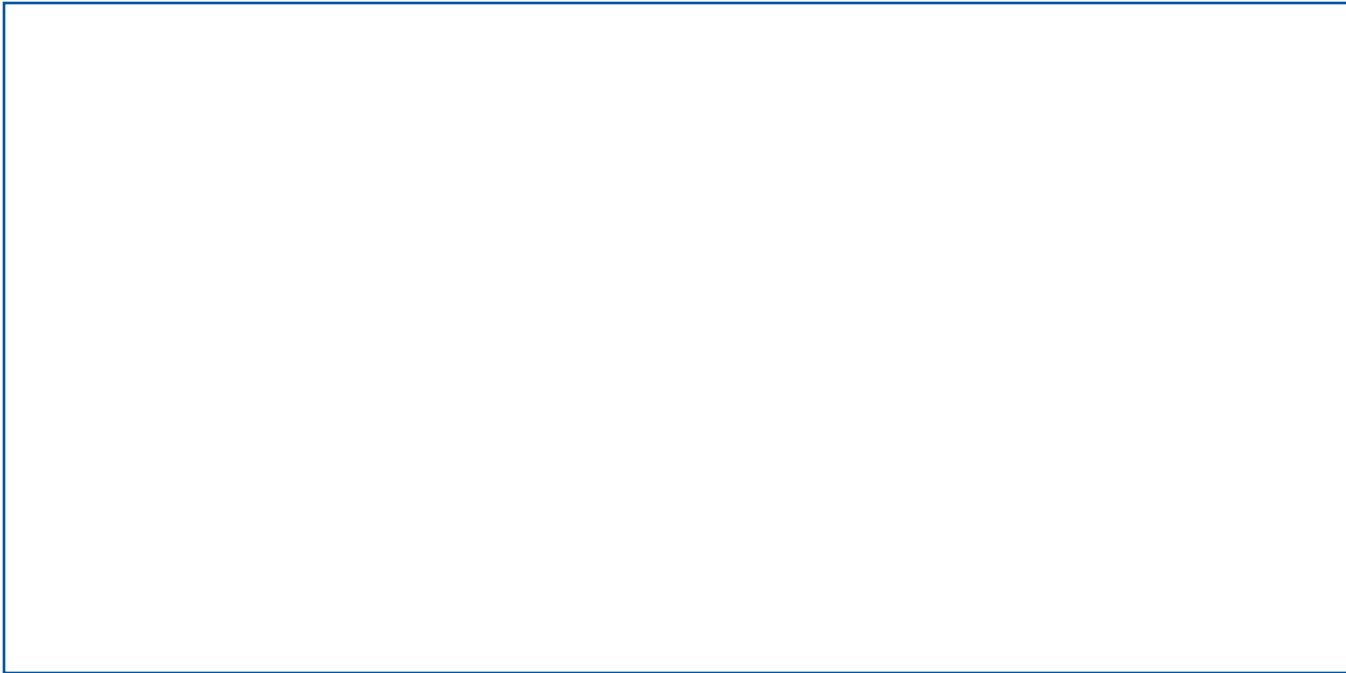
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Potential Places of Refuge for Aleutians Subarea

Center of Map 1: 57° 11.08' N Lat., 170° 11.53' W Lon.; Map 2: 56° 35.08' N Lat., 169° 34.42' W Lon.



This is not intended for navigational use. Soundings in fathoms

	Anchorage		Existing GRS
	Mooring		Fish Hatchery
	Dock/pier		Private Cabins
	Crane		Public Use Cabins
	Airport		Boat Harbor



Aleutian PPOR
Map
Pribilofs

Aleutian Islands Pribilof Islands PPOR (AIPrib) – Site Considerations											
	North Point- St. Paul	Sea Lion Point-St. Paul	English Bay-St. Paul	Lukanin Bay-St. Paul	Zolitoi Bay-St Paul	North Anchorage-St. George Is	Zapadni Bay- St George	North Anchorage#2-St. George Is	Garden Cove- St.George	Village Cove Harbor-St Paul	St. George Harbor
ID Number	26-D	27-D	28-D	29-D	30-D	31-D	32-D	33-D	34-D	78-S	79-S
Human Health & Safety											
Communities – distances-nm	St. Paul- 18	St. Paul-14	St. Paul-1	St. Paul-2	St. Paul-1	St. George- 1.5	St. George- 13	St. George-.05	St. George- 7	St. Paul-4.5	St. George- 14
Natural Resource Considerations											
Fish & Wildlife	Northern fur seals, Stellers sea lions, seals, sea otters waterfowl concentrations, seabird and eagle nesting.										
Threatened & Endangered Species	Stellers sea lions, Northern fur seals, Stellers Eiders and sea otters are present										
Sensitive Areas	Designated as a Most Environmentally Sensitive Area (MESA 27-ADF&G)										
Other Stakeholder Considerations											
Fisheries	Groundfish, crab										
Historic Properties	Historic Properties are present throughout this area.										
Mariculture	None										
Subsistence	Marine mammals, waterfowl, crab, intertidal										
Tourism/Recreation	Seasonal Tourism and local recreational activities										
Waterfront Public Facilities/Parks	Alaska Maritime National Wildlife Refuge- no facilities available		Alaska Maritime National Wildlife Refuge- no facilities available-	Alaska Maritime National Wildlife Refuge-Village Cove Harbor Nearby		Alaska Maritime National Wildlife Refuge- no facilities available	St. George Harbor-cannery facilities nearby	Alaska Maritime National Wildlife Refuge-no facilities immediately available		Village Cove Harbor-	St. George Harbor-
Waterfront Private Facilities	None		Cannery and Fuel Dock facilities nearby		None	Cannery and Fuel Dock facilities nearby		None	Cannery and Fuel Dock facilities nearby		
Response and Salvage Resource Considerations											
Ability to Boom Vessel	Weather Dependant									Yes	
Geographic Response Strategies	None										
Closest Alternative Places of Refuge (same sized vessel)	4.5 nm. to 27-D Sea Lion Point-St. Paul	4.5 nm. to 26-D North Point- St. Paul	1.3 nm. to 30-D Zolitoi Bay	6 nm. to 30-D Zolitoi Bay	1.3 nm. to 28-D English Bay	10nm. to 34-D Garden Cove	9 nm. to 34-D Garden Cove	1 nm. to 31-D North Anchorage	8.5nm. to 32-D Zapadni Bay	40 nm to 79-S St. George Harbor	40 nm to 78-S Village Cove Harbor

Site ID Number and Vessel Class Classification

D = A deep draft vessel that exceeds 20,000 Gross Tons, has drafts of 25-60 ft. and range from 450 ft.- 1000 ft. LOA, typical of Tankers/Cruiseships

LII= A light draft vessel of 10,000 to 19,999 Gross Tons, has drafts up to 25 ft., LOA of up to 450 ft., typical of Ferrys/Trampers

LI= A light draft vessel of 300 to 10,000 Gross Tons, has drafts up to 25 ft., LOA of up to 450 ft., typical of Ferrys/Trampers

S = A shallow draft vessel less than 300 Gross Tons, has a draft less than 15 ft., LOA less than 200 ft., typical of Excursion/Fishing vessels

Aleutian Islands Pribilofs PPOR (AIPrib) Stakeholders	
Year-2007	Contact
Aleut Corporation	President
Aleutian East Borough	Mayor
Alaska Dept of Fish & Game	Resource Manager
Alaska Department of Natural Resources	Natural Resource Manager
Alaska Maritime National Wildlife Refuge-USFWS	Refuge Manager
Tanadgusix Corporation	President
St. George Tanaq Corporation	President
City of St. Paul	Mayor
City of St. George	Mayor
Native Allotments	Dept of the Interior Regional Environmental Officer

Aleutian Islands Pribilof Islands PPOR (AIPrib) – Physical and Operational Characteristics												
	North Point- St. Paul	Sea Lion Point-St. Paul	English Bay-St. Paul	Lukanin Bay-St. Paul	Zolitoi Bay-St Paul	North Anchorage-St. George Is	Zapadni Bay- St George	North Anchorage#2-St. George Is	Garden Cove- St.George	Village Cove Harbor-St Paul	St. George Harbor	
ID Number	26-D	27-D	28-D	29-D	30-D	31-D	32-D	33-D	34-D	78-S	79-S	
Location	57°14.84'N 170°10.88'W	57°14.22'N 170°04.71'W	57°08.46'N 170°18.74'W	57°08.05'N 170°13.58'W	57°07.32'N 170°17.64'W	56°36.44'N 169°32.42'W	56°34.10'N 169°42.40'W	56°37.11'N 169°33.61'W	56°33.10'N 169°30.83'W	57°07.63'N 170°16.95'W	56°34.21'N 169°39.92'W	
Maximum Vessel Size	Deep draft, greater than 20,000 Gross Tons									Shallow draft- 300 Gross Tons and less		
Type of Berthing	Anchorage									Dock		
Contact	N/A									Harbor Master 907.859.2711	Harbor Master 907.859.2263	
Navigational Approach	Approach from N	Approach from S,E	Approach from SW	Approach from the SE, E	Approach from the W	Approach from the N	Approach from the S, SE	Approach from the N,E,W	Approach from the S, E, NE	Approach from the W	Approach from the W	
Minimum Water Depths	10 Fathoms in swing area	7 Fathoms in swing area	5.5 Fathoms in swing area	5 Fathoms in the swing area	5 Fathoms in the swing area	10 Fathoms in the swing area	10 Fathoms in the swing area	7 Fathoms in the swing area	10 Fathoms in the swing area	3 Fathoms at the Dock Face		
Maximum Water Depth	12 Fathoms in swing area	10 Fathoms in swing area	8 Fathoms in the swing area	7 Fathoms in the swing area	7 Fathoms in the swing area	25 Fathoms in the swing area	25 Fathoms in the swing area	5 Fathoms in the swing area	27 Fathoms in the swing area	3 Fathoms at the Dock Face		
Maximum Vessel Draft	50 ft.		30 ft.	25 ft.		50 ft.		35 ft.	50 ft.	12 ft.		
Swing Room/Dock Face	3600 ft.	1500 ft.	1800 ft.	2100 ft.	1200 ft.	3600 ft.	3000 ft.	900 ft.	3600 ft.	200 ft. Dock Face	75 ft. Dock Face	
Bottom Type	Sand, Rocky	Sand	Sand, Rocky	Mud, Sand	Sand						N/A	
Docks/Piers	Nearest Alt. Dock 06-D Dutch Harbor APL Dock									Nearest Alt. 79-S St. George Harbor	Nearest Alt. 78-S St. Village Cove Harbor	
Moorings	Nearest Mooring-Kachemak Bay#1 Mooring-PPOR-03-09-D					Nearest Mooring- Nikiski Bay PPOR-02-37-S						
Anchorage	Nearest Alt. Anchorage-27-D Sea Lion Pt.	Nearest Alt. Anchorage-26-D North Pt.	Nearest Alt. Anchorage-30-D Zolitoi Bay		Nearest Alt. Anchorage-28-D English Bay	Nearest Alt. 33-D North Anchorage #2	Nearest Alt. Anchorage--34-D Garden Cove	Nearest Alt. Anchorage 31-D North Anchorage		Nearest Alt. Anchorage-28-D English Bay	Nearest Alt. Anchorage 31-D North Anchorage	
Prevailing Winds	Winter-North, Northeast, Summer-Northeast. Winds are highly variable and frequent gales occur in the area.											
Currents	Currents are tidal influenced and drift in a circular motion around both islands. Currents are no more than 1.5 kts. max											
Tides	Mean High Water-3.0 (Higher- 3.2) , Mean Low Water- 1.0 (Lower- -2.5)											
Sea Conditions	Exposed to swell from the N, E, W	Exposed to swell from the N,E,S	Exposed to swell from the S	Exposed to swell from the E, S	Exposed to swell from the W, S	Exposed to swell from the N, E, W	Exposed to SE swell	Exposed to swell from the S,W	Exposed to swell from the S, E	Sheltered		
Shelter from Severe Storms	Sheltered from S storms	Exposed to storms from the N,E,S	Sheltered from SE,E,N storms	Sheltered from N, W storms	Sheltered from N,E storms	Sheltered from S storms	Exposed to SE storms	Sheltered from storms from the N, E	Sheltered from storms from the N, W			
Fog	Fog is frequent and severe in all seasons.											
Sea ice	Sea ice occurs in large detached fields and November-March. It may present hazards to vessels navigation.											

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Aleutian Sub-Area Contingency Plan: <http://www.akrrt.org/AIPlan/aitoc.shtml>